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Ruth Saskowski

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Rajesh S. GOKHALE, et al.

Serial No.: 09/500,747

Filing Date: 9 February 2000

For: METHODS TO MEDIATE
POLYKETIDE SYNTHASE MODULE
EFFECTIVENESS

Examiner: Kathleen M. Kerr

Group Art Unit: 1652

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Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In complete response to the Office Action Under 37 C.F.R. § 1.111 dated February 12, 2002 attached please find the following references:

- ☒ Rohr, "Combinatorial Biosynthesis - An Approach in the Near Future?," *Angew Chem Int Ed Engl* (1995) 34(8):881-888.
- ☒ Khosla *et al.*, "Generation of Polyketide Libraries Via Combinatorial Biosynthesis," *Trends Biotechnol* (1996) 14(9):335-341.
- ☒ Bohm *et al.*, *Chem. & Biol.* (1998) 5:407.
- ☒ Staunton *et al.*, "Biosynthesis of Erythromycin and Rapamycin," *Chem Rev* (1997) 97:2611-2629.
- ☒ Fu *et al.*, "Engineered Biosynthesis of Novel Polyketides: Stereochemical Course of Two Reactions Catalyzed by a Polyketide Synthase," *Biochemistry* (1994) 33:9321-9326.
- ☒ Kao *et al.*, "Engineered Biosynthesis of a Complete Macrolactone in a Heterologous Host," *Science* (1994) 265:509-512.

- ☒ Khosla, "Harnessing the Biosynthetic Potential of Modular Polyketide Synthases," *Chem Rev* (1997) 97:2577-2590.
- ☒ Ranganathan *et al.*, "Knowledge-based Design of Bimodular and Trimodular Polyketide Synthases Based on Domain and Module Swaps: A Route to Simple Statin Analogues," *Chem & Biol* (1999) 6:731-741.
- ☒ Shen *et al.*, *Science* (1993) 262:1535-1540.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing docket No. 300622004600.

Respectfully submitted,

Dated: August 12, 2002

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